(No Model.)

W. H. MOORE.

HINGE.

No. 600,161. Patented Mar. 8, 1898.

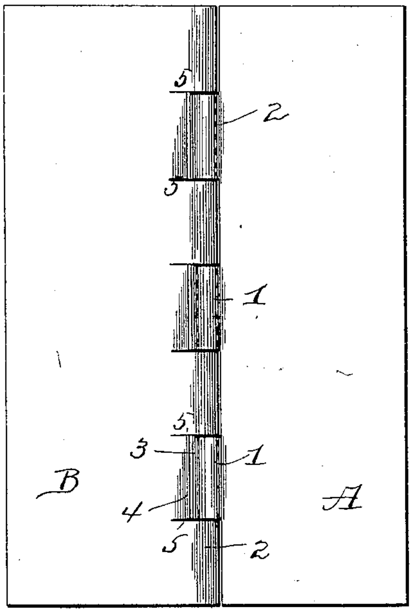
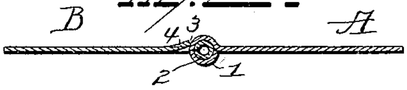


Fig. 1.

Fig. 2.



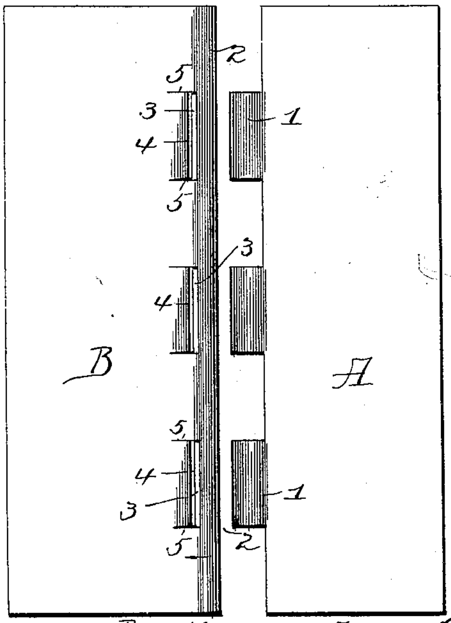


Fig. 3.

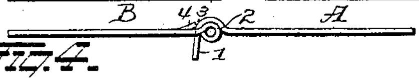


Fig. 4.

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UNITED STATES PATENT OFFICE.

WILLIAM H. MOORE, OF BALTIMORE, MARYLAND, ASSIGNOR TO HENRY F. MILLER AND GEORGE MILLER, OF SAME PLACE.

HINGE.

SPECIFICATION forming part of Letters Patent No. 600,161, dated March 8, 1898.

Application filed October 7, 1897. Serial No. 664,410. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM H. MOORE, of Baltimore, in the State of Maryland, have invented certain new and useful Improvements in Sheet-Metal Hinges; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

My invention relates to an improvement in sheet-metal hinges; and it consists in two leaves, one of which has a series of tongues at the edge and the other having one edge rolled to constitute a bead or pintle and provided with openings at intervals adjacent to the bead or pintle and corresponding in position with the tongues and adapted to receive the tongues, the metal bounded by the incisions constituting lips adapted to bear upon the tongues to close the openings which would otherwise intervene, permitting the accumulation of foreign particles and rust and preventing the hinge from getting loose in the joint in consequence of wear and use.

In the accompanying drawings, Figure 1 is a view in elevation of my improved hinge complete. Fig. 2 is a horizontal section. Fig. 3 is an elevation showing the parts of the hinge dismembered, and Fig. 4 is a plan view showing the manner of assembling the parts.

A and B represent the two parts or leaves of the hinge.

The part A of the hinge is provided with several tongues 1 1 1, which are preferably first bent slightly backward and then curved.

The part B of the hinge has one edge rolled over to form a bead or pintle 2, which strengthens this leaf and forms a bearing for the tongues to turn upon. Adjacent to this bead or pintle and at intervals corresponding in position with the tongues incisions 3 3 are made. Extending from the ends of these incisions are the transverse incisions 5 5, and the metal left between these incisions forms a spring-lip 4 to be bent aside for the entrance of the tongues on the other leaf. These spring-lips 4 4 bear upon the tongues 1 1 1 and prevent the hinge from getting loose in the joint from wear and use, and they also close the slots and prevent the accumulation therein of foreign particles and rust. The lips 4 4 also act as brakes and by bearing upon the tongues the hinge can be opened to any position with comparatively little danger of moving from the position where it is placed.

A hinge thus constructed is very simple, cheap to manufacture, durable, and most efficient for the service required of it and for which it is specially devised.

Having fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

A hinge comprising two leaves, one having a series of tongues at the edge, and the other lips and provided along one edge and adjacent to these lips with a bead formed by rolling up the edge, said lips bent to bear upon the tongues to close the slots formed to receive the latter and form a tight hinge and prevent rattling.

In testimony whereof I have signed this specification in the presence of two subscribing witnesses.

WILLIAM H. MOORE.

Witnesses:
A. J. SCOPINICK,
HARRY CRAVER.